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5 ABSTRACT

10 The invention relates to an air conditioning system for a motor vehicle comprising a coolant circuit (1) that contains an electrically driven compressor (2), a condenser (4), an expansion valve (10) and a latent cold accumulator (12). Heat is removed from the latent cold accumulator (12) by means of the cooling circuit (1); this is referred to as the charging of the latent cold accumulator (12). The system is also equipped with means for cooling
15 air, which are configured in such a way that heat is removed from said air and supplied to the latent cold accumulator (12). Thus the cost-effective, efficient air conditioning system can be used, in particular, when the vehicle is stationary.